

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1        1. (Previously Presented) A method of enhancing a life span of a read/write storage  
2        medium, the method comprising the steps of:

3                identifying whether a file on a read/write storage medium is a static file or a  
4                dynamic file;

5                migrating the file to a dynamic region of the read/write storage medium if the file  
6                is a static file; and

7                migrating the file to a static region of the read/write storage medium if the file is a  
8                dynamic file.

1        2. (Original) The method of claim 1, the identifying step comprising the step of:  
2                counting a number of rewrite cycles of the file.

1        3. (Original) The method of claim 2, the identifying step comprising the step of:  
2                comparing the number of rewrite cycles of the file to a predetermined rewrite  
3                cycle threshold.

1        4. (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2        threshold is associated with a read/write storage medium identifier.

1        5. (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2        threshold is associated with a drive identifier for the read/write storage medium.

1        6. (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2        threshold is based on self-testing by performing rewrite cycles to a data block of the read/write  
3        storage medium until the data block is unstable.

1        7. (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2        threshold is stored in a file allocation table.

1           8.       (Original) The method of claim 2, wherein the number of rewrite cycles of the  
2       file is stored in a file allocation table.

1           9.       (Original) The method of claim 1, wherein the read/write storage medium  
2       comprises a compact disk read/write disk.

1           10.      (Original) The method of claim 1, wherein the read/write storage medium  
2       comprises a tape drive.

1           11.      (Original) The method of claim 1, wherein the read/write storage medium  
2       comprises a floppy disk drive.

1           12.      (Original) The method of claim 1, wherein the read/write storage medium  
2       comprises an electrically erasable medium.

1           13.      (Originally Amended) A file system adapted to enhance a life span of a read/write  
2       storage medium, the system comprising:

3                a means for identifying whether a file [[or]] on a read/write storage medium is a  
4       static file or a dynamic file;

5                a means for migrating the file to a dynamic region of read/write storage medium if  
6       the file is a static file; and

7                a means for migrating the file to a static region of the read/write storage medium  
8       if the file is a dynamic file.

1           14.      (Original) The file system of claim 13, the means for identifying comprising:  
2       a counter to count a number of rewrite cycles of the file.

1        15. (Original) The file system of claim 14, the means for identifying comprising:  
2                    a means for comparing the number of rewrite cycles of the file to a predetermined  
3                    rewrite cycle threshold.

1        16. (Currently Amended) The file ~~access~~ system of claim 13, the means for  
2                    identifying comprising:  
3                    a means for identifying a file type of the file, wherein the file is initially identified  
4                    as static or dynamic based on the file type of the file.

1        17. (Currently Amended) A computer system adapted for enhancing a life span of a  
2                    read/write storage medium, the system comprising:  
3                    a processor-executable file system adapted to ~~perform the steps of:~~  
4                    identifying identify whether a file on a read/write storage medium is a  
5                    static file or a dynamic file;  
6                    migrating migrate the file to a dynamic region of the read/write storage  
7                    medium [[if]] in response to identifying the file [[is]] as a static file; and  
8                    migrating migrate the file to a static region of the read/write storage  
9                    medium [[if]] in response to identifying the file [[is]] as a dynamic file.

1        18. (Currently Amended) The computer system of claim 17, the step of identifying  
2                    comprising a step of: wherein the file system identifies the file as a static file or dynamic file  
3                    based on counting a number of rewrite cycles of the file.

1        19. (Currently Amended) The computer system of claim 18, the step of identifying  
2                    comprising a step of: wherein the file system identifies the file as a static file or dynamic file  
3                    based on comparing the number of rewrite cycles of the file to a predetermined rewrite cycle  
4                    threshold.

1        20. – 27. (Cancelled)

1           28. (New) The method of claim 1, wherein identifying whether the file is a static file  
2 or a dynamic file comprises initially identifying whether the file is a static file or a dynamic file  
3 based on a type of the file.

1           29. (New) The method of claim 28, wherein identifying whether the file is a static  
2 file or a dynamic file comprises reclassifying the file, based on a number of rewrite cycles to the  
3 file, from the initial identification of a static file or a dynamic file.

1           30. (New) The method of claim 3, further comprising setting the predetermined  
2 rewrite cycle threshold based on a type of the read/write storage medium.

1           31. (New) The file system of claim 16, wherein the means for identifying whether  
2 the file is a static file or dynamic file reclassifies the file, based on a number of rewrite cycles to  
3 the file, from the initial identification of a static file or a dynamic file.